

## ABSTRACT

An electronic ballast system controls one or more ballasts of HID or fluorescent lamps, which are controlled in an "on/off" manner by a ultra low power controller that is isolated for a primary power circuit or derives its very low switch power from the ballast itself. The on/off control provides a near lossless control system. This system may be applied to electronic ballast for operates at fractional power levels corresponding to different lighting intensities and with conventional occupancy sensors. The system may also be applied to other electronically compatible end-use devices and applications.

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Ballast Final Final US